

1 **Abstract of Disclosure**

2 An anti-gridlock wrench includes a handle, a clutch, a detent, a controller,
3 a gear and a C-ring. The handle includes an annular head defining a
4 circular space, a pothole not overlapping the circular space, a channel for
5 communicating the circular space with the pothole, a recess and an
6 annular groove both defined in a wall of the circular space. The clutch
7 includes two claws put in the recess and a spring put between the claws.
8 Each of the claws includes a toothed face, a first rod and a second rod.
9 The claws can easily enter the recess since the first rods can move
10 through the channel. A controller is put rotationally in the pothole for
11 moving the rods. The gear is put in the circular space. The gear
12 includes a toothed face for engagement with the toothed face of one of the
13 claws. The second rods of the claws can impinge each other in order to
14 push one of the claws from the annular gear. The C-ring includes an
15 external edge put in the annular groove, an internal edge for retaining the
16 annular gear in the circular space and a gate projecting from an upper face
17 for blocking the channel.

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